

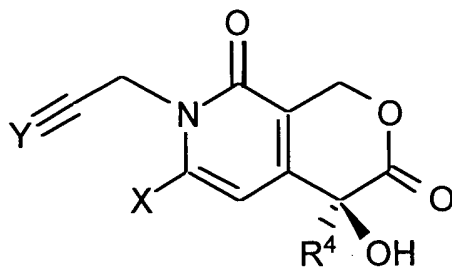
## IN THE CLAIMS:

This listing of claims, in which Claims 19-23 are amended, and Claims 1-18 are canceled without prejudice, replaces all prior versions, and listings, of claims in the application:

Claims listing

Claims 1-18 (Canceled).

19. (Currently Amended) A chemical compound having the formula

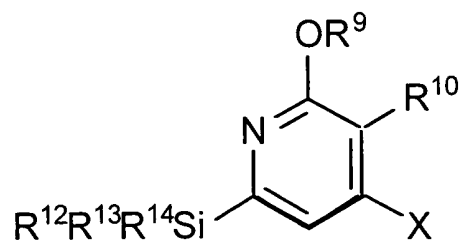


wherein X is selected from the group consisting of is Br and I, Y is selected from the group consisting of -N and or -C-R<sup>3</sup>, R<sup>3</sup> is selected from the group consisting of hydrogen, a normal alkyl group, a branched alkyl group, an allyl group, a benzyl group, an alkynyl group, a propargyl group, an alkoxyl group, a halo group, a trialkylsilyl silyl group, an amino group, an alkyl amino group, a dialkylamino group, an aminoalkyl group, a cyano group, and or an acyl group and R<sup>4</sup> is selected from the group consisting of an alkyl group, an allyl group, a propargyl group, nitrogen, -CH<sub>2</sub>Cl, a 4-methylpyrazinomethyl group and or a benzyl group.

20. (Currently Amended) The chemical compound of Claim 19 wherein R<sup>4</sup> comprises is an ethyl group -CH<sub>2</sub>CH<sub>3</sub>.

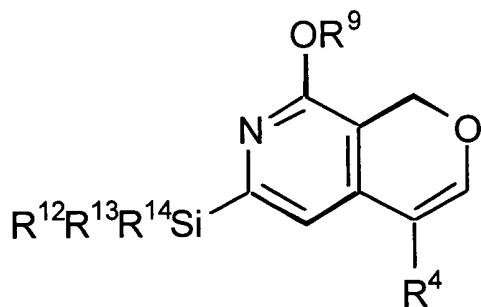
21. (Currently Amended) The chemical compound of Claim 19 wherein R<sup>3</sup> is selected from the group consisting of hydrogen, an ethyl group, a trimethylsilyl group, nitrogen, -CH<sub>2</sub>Cl and or a 4-methylpyrazinomethyl group.

22. (Currently Amended) A chemical compound having the formula



wherein  $R^9$  is selected from the group consisting of a normal alkyl group or a branched alkyl group and wherein  $R^{10}$  is selected from the group consisting of -CHO and U or  $-CH_2OCH_2CH=CHR^{11}$ , wherein  $R^{11}$  is selected from the group consisting of an alkyl group, a vinyl group, an ethynyl group and or a phenyl group, wherein  $R^{12}$ ,  $R^{13}$  and  $R^{14}$  are independently selected from an alkyl group and or an aryl group, and wherein X is selected from the group consisting of I and or Br.

23. (Currently Amended) A chemical compound having the formula



wherein  $R^9$  is selected from the group consisting of a normal alkyl group and or a branched alkyl group, wherein  $R^4$  is selected from the group consisting of an alkyl group, an allyl group, a propargyl group and or a benzyl group and wherein  $R^{12}$ ,  $R^{13}$  and  $R^{14}$  are independently selected from an alkyl group and or an aryl group.